

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070522AL\
 Data File : FE036357.D
 Signal(s) : FID1B.ch
 Acq On : 05 Jul 2022 11:40
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/06/2022
 Supervised By :Ankita Jodhani 07/06/2022

Integration File: autoint1.e
 Quant Time: Jul 06 03:47:29 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062022.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 21 03:08:45 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.872	4037477	20.208 ug/ml
Spiked Amount 50.000		Recovery =	40.42%
12) S 1-chlorooctadecane (S...	13.310	3124563	20.182 ug/ml
Spiked Amount 50.000		Recovery =	40.36%
Target Compounds			
1) T n-Nonane (C9)	3.262	3722433	20.696 ug/ml
2) T n-Decane (C10)	4.516	3786939	21.067 ug/ml
3) T A~Naphthalene (C11.7)	6.217	4188170	20.874 ug/ml
4) T n-Dodecane (C12)	6.683	3870199	20.895 ug/ml
5) T A~2-methylnaphthalene...	7.313	4212738	20.694 ug/ml
6) T n-Tetradecane (C14)	8.510	3893984	20.829 ug/ml
7) T n-Hexadecane (C16)	10.116	3853571	20.577 ug/ml
8) T n-Octadecane (C18)	11.557	3808135	20.469 ug/ml
10) T n-Eicosane (C20)	12.866	3678511	20.305 ug/ml
11) T n-Heneicosane (C21)	13.476	3633933	20.230 ug/ml
13) T n-Docosane (C22)	14.063	3574686	20.219 ug/ml
14) T n-Tetracosane (C24)	15.163	3488423	20.367 ug/ml
15) T n-Hexacosane (C26)	16.185	3383716	20.480 ug/ml
16) T n-Octacosane (C28)	17.134	3357855	20.977 ug/ml
17) T n-Tricontane (C30)	18.023	3405831	21.999 ug/ml
18) T n-Dotriacontane (C32)	18.854	3314032	22.678 ug/mlm
19) T n-Tetratriacontane (C34)	19.639	3207018	23.175 ug/mlm
20) T n-Hexatriacontane (C36)	20.379	3015825	22.465 ug/ml
21) T n-Octatriacontane (C38)	21.107	2958658	22.247 ug/ml
22) T n-Tetracontane (C40)	22.003	3401107	24.324 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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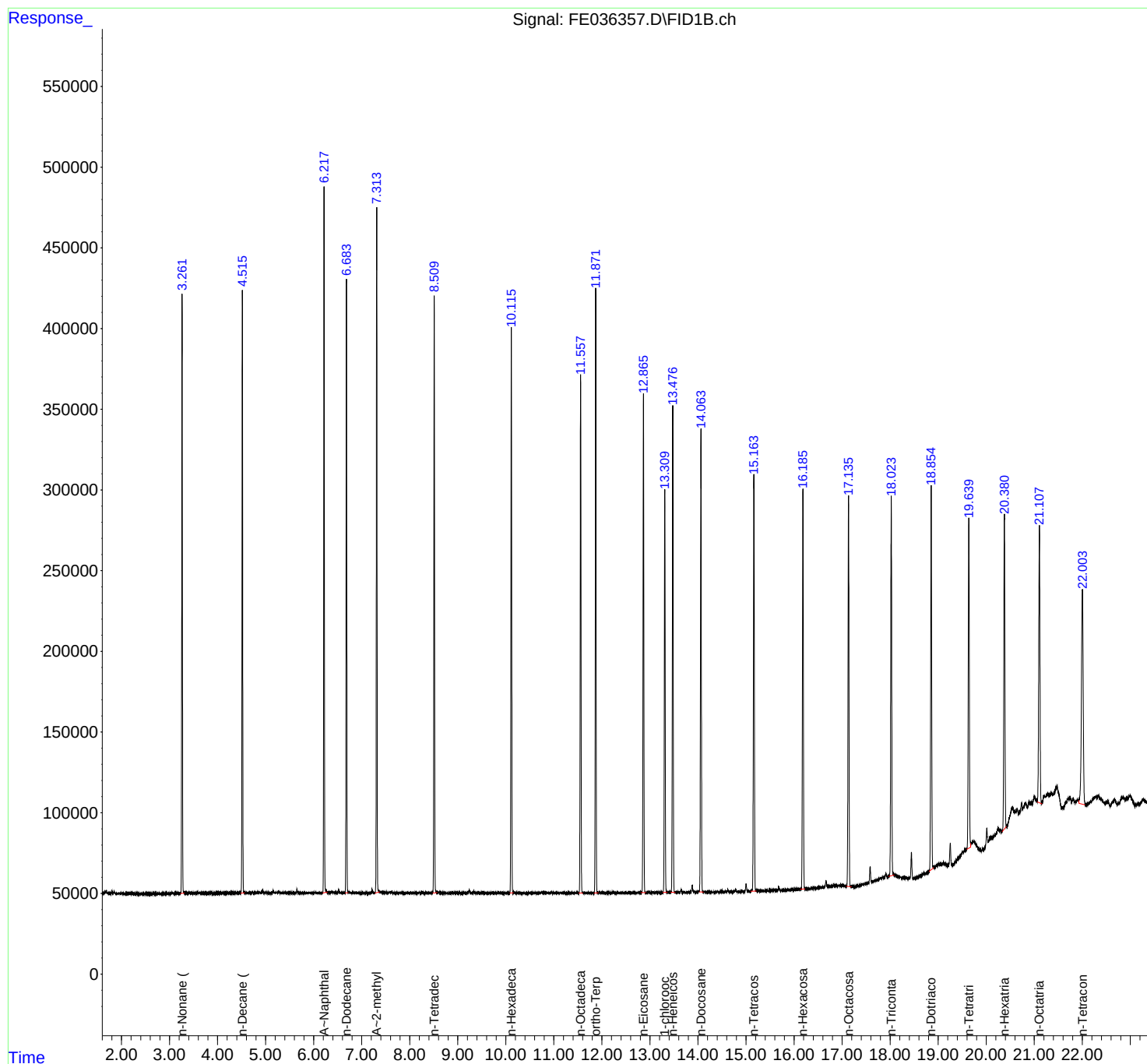
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ClientSampleId :

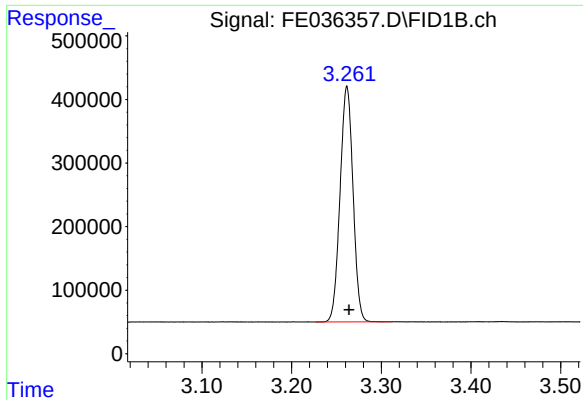
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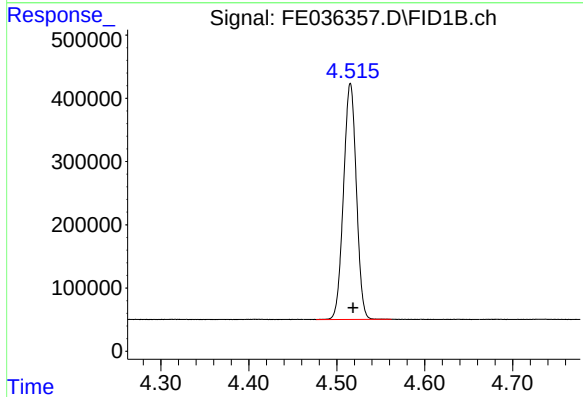
#1 n-Nonane (C9)

R.T.: 3.262 min
Delta R.T.: -0.002 min
Response: 3722433
Conc: 20.70 ug/ml

Instrument :
FID_E
ClientSampleId :

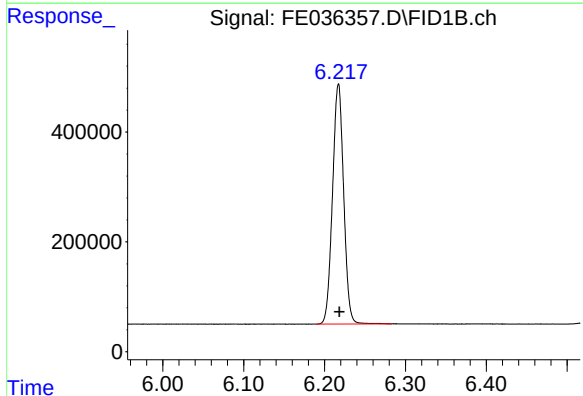
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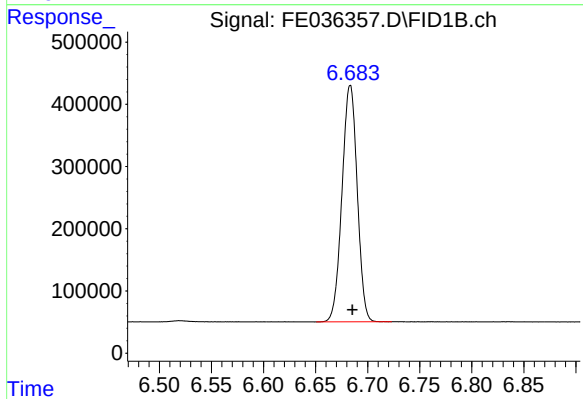
#2 n-Decane (C10)

R.T.: 4.516 min
Delta R.T.: -0.003 min
Response: 3786939
Conc: 21.07 ug/ml



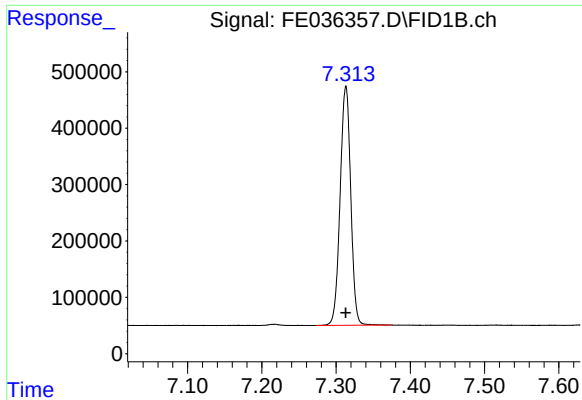
#3 A~Naphthalene (C11.7)

R.T.: 6.217 min
Delta R.T.: -0.001 min
Response: 4188170
Conc: 20.87 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.683 min
Delta R.T.: -0.002 min
Response: 3870199
Conc: 20.89 ug/ml



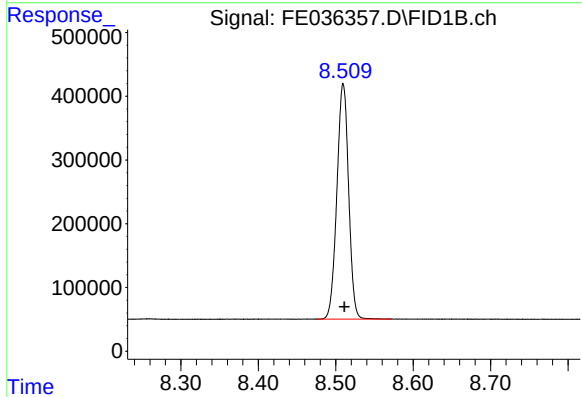
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.313 min
Delta R.T.: 0.000 min
Response: 4212738
Conc: 20.69 ug/ml

Instrument :
FID_E
ClientSampleId :

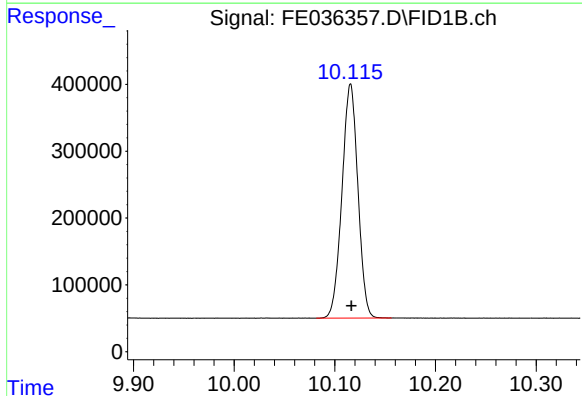
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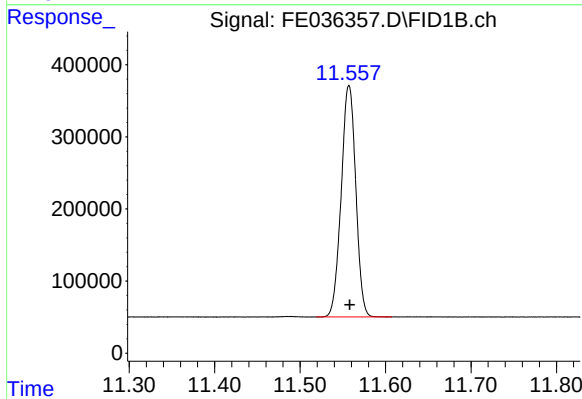
#6 n-Tetradecane (C14)

R.T.: 8.510 min
Delta R.T.: -0.001 min
Response: 3893984
Conc: 20.83 ug/ml



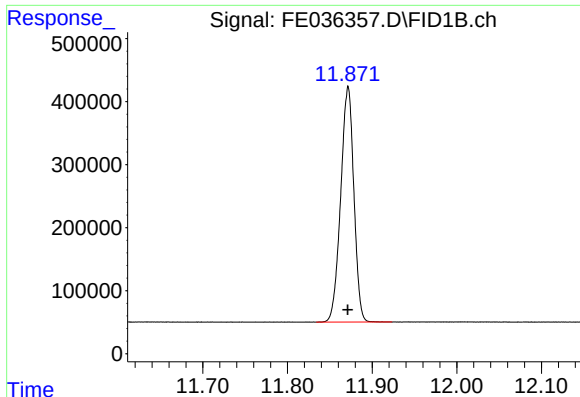
#7 n-Hexadecane (C16)

R.T.: 10.116 min
Delta R.T.: 0.000 min
Response: 3853571
Conc: 20.58 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.557 min
Delta R.T.: 0.000 min
Response: 3808135
Conc: 20.47 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.872 min
Delta R.T.: 0.000 min
Response: 4037477
Conc: 20.21 ug/ml

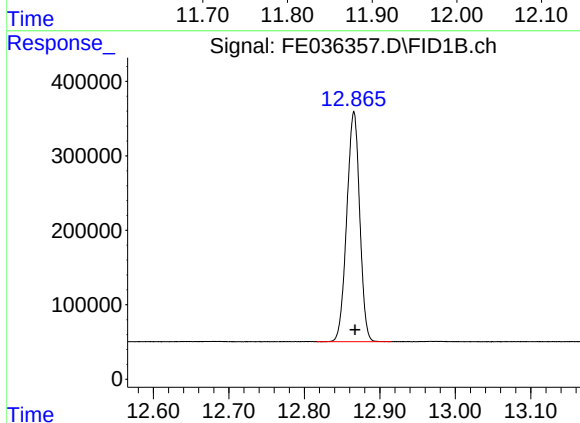
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FID_E

ClientSampleId :

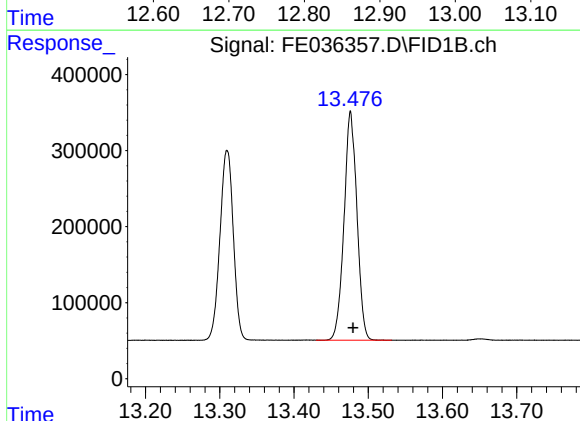
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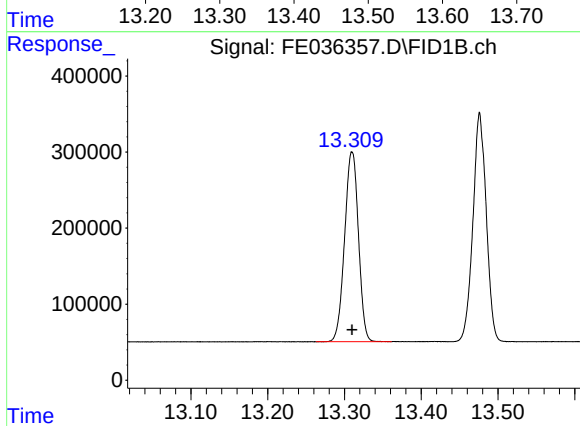
#10 n-Eicosane (C20)

R.T.: 12.866 min
Delta R.T.: -0.002 min
Response: 3678511
Conc: 20.31 ug/ml



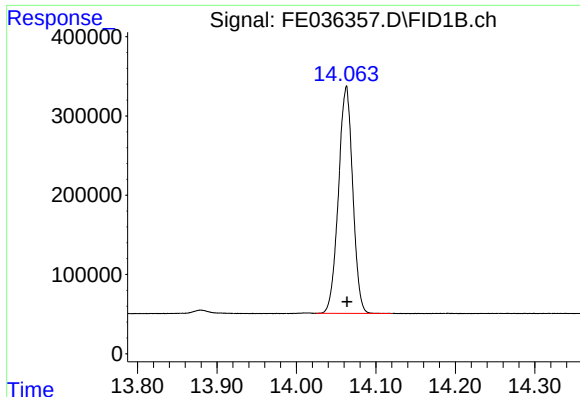
#11 n-Heneicosane (C21)

R.T.: 13.476 min
Delta R.T.: -0.003 min
Response: 3633933
Conc: 20.23 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.310 min
Delta R.T.: 0.000 min
Response: 3124563
Conc: 20.18 ug/ml



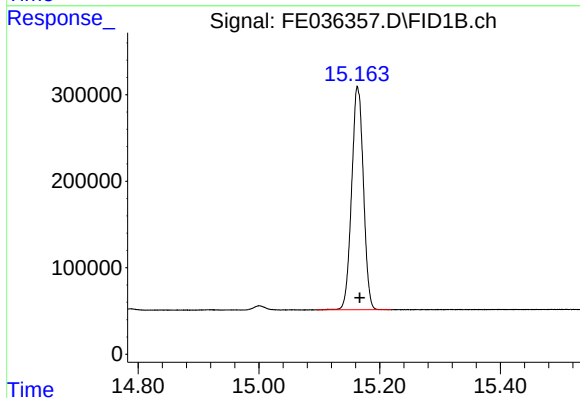
#13 n-Docosane (C22)

R.T.: 14.063 min
Delta R.T.: -0.001 min
Response: 3574686
Conc: 20.22 ug/ml

Instrument :
FID_E
ClientSampleId :

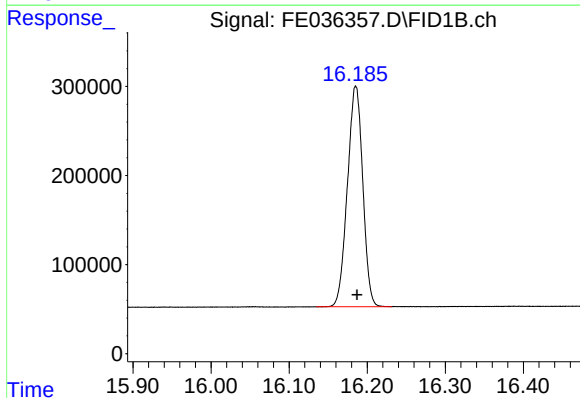
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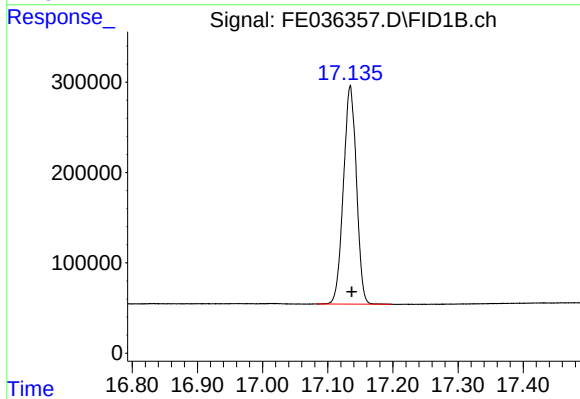
#14 n-Tetracosane (C24)

R.T.: 15.163 min
Delta R.T.: -0.004 min
Response: 3488423
Conc: 20.37 ug/ml



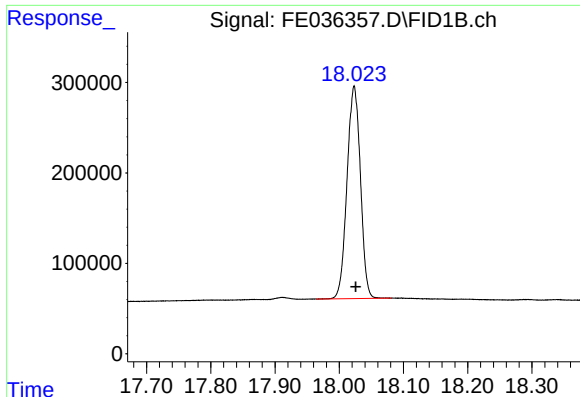
#15 n-Hexacosane (C26)

R.T.: 16.185 min
Delta R.T.: -0.002 min
Response: 3383716
Conc: 20.48 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.134 min
Delta R.T.: -0.002 min
Response: 3357855
Conc: 20.98 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.023 min
Delta R.T.: -0.002 min
Response: 3405831
Conc: 22.00 ug/ml

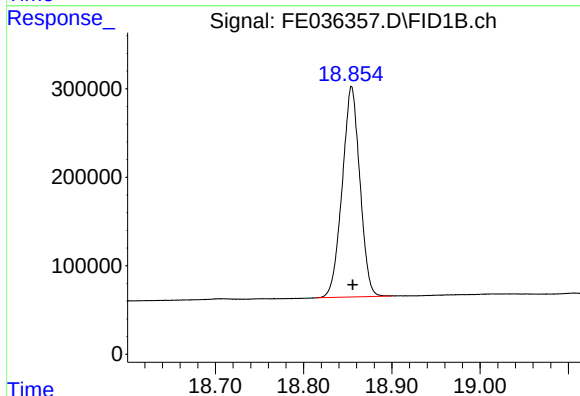
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FID_E

ClientSampleId :

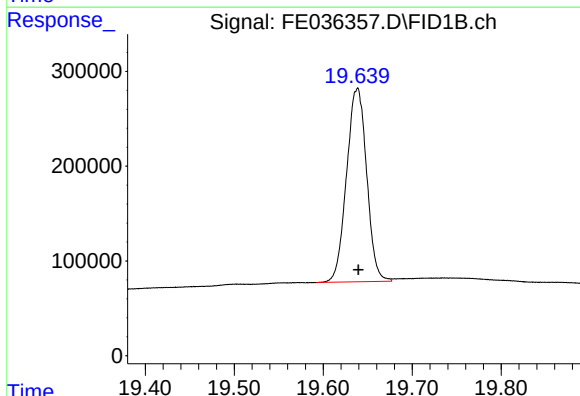
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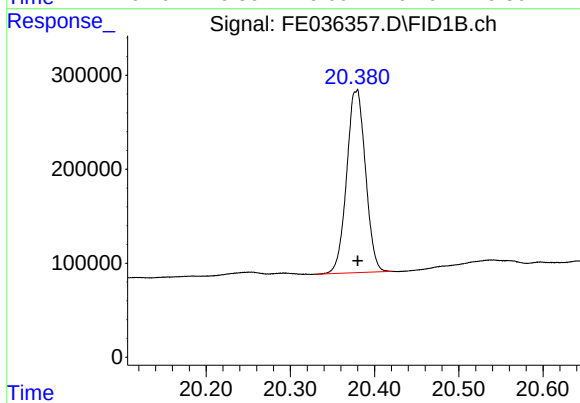
#18 n-Dotriacontane (C32)

R.T.: 18.854 min
Delta R.T.: -0.002 min
Response: 3314032
Conc: 22.68 ug/ml m



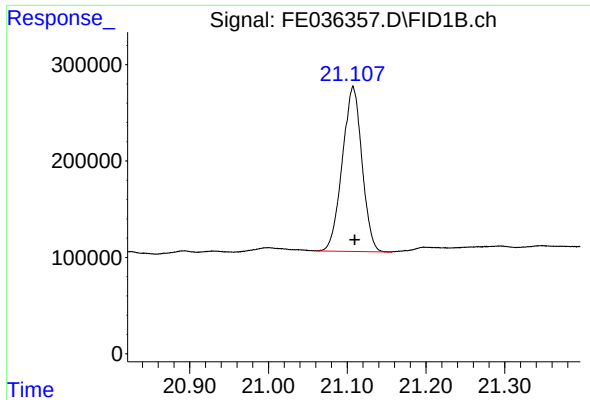
#19 n-Tetratriacontane (C34)

R.T.: 19.639 min
Delta R.T.: -0.001 min
Response: 3207018
Conc: 23.18 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.379 min
Delta R.T.: -0.001 min
Response: 3015825
Conc: 22.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.107 min
Delta R.T.: -0.002 min
Response: 2958658
Conc: 22.25 ug/ml

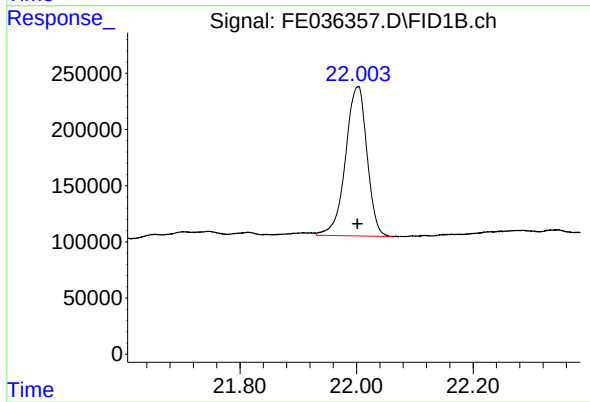
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#22 n-Tetracontane (C40)

R.T.: 22.003 min
Delta R.T.: 0.002 min
Response: 3401107
Conc: 24.32 ug/ml m